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Serial Number: 10/826.926

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Inventor Information for 10/826926

Inventor Name	City	State/Country			
HERUTH, KENNETH T.	EDINA	MINNESOTA	MINNESOTA MINNESOTA		
MIESEL, KEITH A.	ST. PAUL	MINNESOTA			
Appin Info Contents Petition Info	Atty/Agent Info	Continuity/Reexam	Foreigr		
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US 20060129221	US- PGPUB	20060615	17	Tunneling guide	607/120		Heruth; Kenneth T.
A1 US 20060079927 A1	US- PGPUB	20060413	-	Detachable joint catheter and method	606/200		Kaemmerer, William F. et al.
US 20060051393 A1	US- PGPUB	20060309		Method of manufacturing drug-eluting medical device	424/423	427/2.24	Heruth; Kenneth T. et al.
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US 20050245988 A1	US- PGPUB	20051103		Collecting posture and activity information to evaluate therapy	607/46	604/891.1	Miesel, Keith A.
US 20050245858 A1	US- PGPUB	20051103		Branching catheter systems with diagnostic components	604/65	604/118	Miesel, Keith A. et al.
US 20050241387 A1	US- PGPUB	20051103	·	Diagnostic methods for branching catheter systems	73/204.21	604/65	Miesel, Keith A. et al.
US 20050234518 A1	US- PGPUB	20051020		Collecting activity and sleep quality information via a medical device	607/6	600/301; 600/509; 600/544	Heruth, Kenneth T. et al.
US 20050234514 A1	US- PGPUB	20051020		Collecting posture information to evaluate therapy	607/2	600/595	Heruth, Kenneth T. et al.
US 20050222643 A1	US- PGPUB	20051006		Collecting activity information to evaluate therapy	607/48	604/891.1	Heruth, Kenneth T. et al.
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US 20050216064 A1	US- PGPUB	20050929	-	Sensitivity analysis for selecting therapy parameter sets	607/3	607/48	Heruth, Kenneth T. et al.
US 20050215947 A1	US- PGPUB	20050929	_	Controlling therapy based on sleep quality	604/66	607/62	Heruth, Kenneth T. et al.
US 20050215847 A1	US- PGPUB	20050929		Collecting sleep quality information via a medical device	600/26	600/509; 600/544; 600/549	Heruth, Kenneth T. et al.
US 20050209645	US- PGPUB	20050922		Collecting posture information to	607/3	607/48	Heruth, Kenneth T. et al.

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A1			evaluate therapy	T		
US 20050209644 A1	US- PGPUB	20050922	Collecting activity information to evaluate therapy	607/3	607/48	Heruth, Kenneth T. et al.
US 20050209643 A1	US- PGPUB	20050922	Controlling therapy based on sleep quality	607/3	607/48	Heruth, Kenneth T. et al.
US 20050209513 A1	US- PGPUB	20050922	Collecting sleep quality information via a medical device	600/301	600/500; 600/529; 600/538; 600/549; 607/2	Heruth, Kenneth T. et al.
US 20050209512 A1	US- PGPUB	20050922	Detecting sleep	600/301	600/500; 600/529; 600/538; 600/549; 600/587	Heruth, Kenneth T. et al.
US 20050209511 A1	US- PGPUB	20050922	Collecting activity and sleep quality information via a medical device	600/301	600/500; 600/529; 600/538; 600/549; 600/587	Heruth, Kenneth T. et al.
US 20050182389 A1	US- PGPUB	20050818	Implantable medical device and patch system and method of use	604/890.1		LaPorte, Steve et al.
US 20050137579 A1	US- PGPUB	20050623	Permeable membrane catheters, systems, and methods	604/536		Heruth, Kenneth T. et al.
US 20050137578 A1	US- PGPUB	20050623	Catheters incorporating valves and permeable membranes	604/536		Heruth, Kenneth T. et al.
US 20050137577 A1	US- PGPUB	20050623	Catheters with tracking elements and permeable membranes	604/536		Heruth, Kenneth T. et al.
US 20050106545 A1	US- PGPUB	20050519	Three-dimensional in-vitro spinal models and methods of analyzing substance distribution therein	434/267		Heruth, Kenneth T. et al.
US 20050096637 A1	US- PGPUB	20050505	Sensing food intake	604/891.1		Heruth, Kenneth T.
US 20050079199 A1	US- PGPUB	20050414	Porous coatings for drug release from medical devices	424/423		Heruth, Kenneth T. et al.
US 20050075683 A1	US- PGPUB	20050407	System, apparatus and method for interacting with a targeted tissue of a patient	607/60		Miesel, Keith Alan et al.
US 20050075624 A1	US- PGPUB	20050407	Pressure sensing in implantable medical devices	604/505	604/151; 604/288.01; 604/65	Miesel, Keith A.
US	US-	20050331	Field steerable	607/119		Heruth, Kenneth

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20050070982	PGPUB	<u> </u>	electrical	T	T	T. et al.
Al	1 01 02		stimulation paddle,			
			lead system, and			
İ			medical device			
			incorporating the same			
US	US-	20041118	Drug delivery	604/891.1		Heruth, Kenneth
20040230182	PGPUB	20041110	through	00 70 71.1		T. et al.
Al			encapsulation			
US	US-	20041104	Implantable drug	604/891.1		Heruth, Kenneth
20040220552	PGPUB		delivery systems			T. et al.
A1	170	20041104	and methods	604/522		TTth- 1/ oth
US 20040220548	US- PGPUB	20041104	Permeable membrane	604/523		Heruth, Kenneth T. et al.
A1	TOLOB		catheters, systems,			1. 60 at.
···			and methods			}
US	US-	20041104	Multiple infusion	604/523		Heruth, Kenneth
20040220547	PGPUB		section catheters,		İ	T. et al.
Al			systems, and			
US	US-	20041104	methods Reduction of	604/508	604/891.1	Heruth, Kenneth
20040220546	PGPUB	20041104	inflammatory mass	004/308	004/831.1	T. et al.
Al	10102		with spinal			
			catheters			
US	US-	20041104	Method of	604/508		Heruth, Kenneth
20040220545	PGPUB		delivering drugs to			T. et al.
A1			specific regions of the spinal cord			
US	US-	20041104	Method of	604/508		Heruth, Kenneth
20040220544	PGPUB	200,,,,,	delivering drug to	00200		T. et al.
Al			brain via spinal			
			cord			
US	US-	20041104	Trailing system for	604/506		Heruth, Kenneth T. et al.
20040220543 A1	PGPUB		evaluation of the efficacy of the			1. et al.
Ai			treatment			
US	US-	20041104	Drug solution	604/82	604/113;	Heruth, Kenneth
20040220518	PGPUB		density adjustment		604/65	T. et al.
Al			systems and			
US	US-	20041028	methods Method and	604/4.01	128/898	Yamasaki,
20040215124	PGPUB	20041028	apparatus for	004/4.01	120/070	Sonny et al.
Al	10.00		aneurismal			55121, 5542
			treatment			
US	US-	20041007	Implantable drug	604/151	417/477.7	Christenson,
20040199118	PGPUB		delivery device			Steven R. et al.
Al			with peristaltic pump having a			
			retractable roller			
US	US-	20040909	Slit valve catheters	604/537	604/247	Morris, Mary
20040176743	PGPUB					M. et al.
Al	<u> </u>			1	60.15	
US	US-	20040909	Sleeve valve	604/537	604/247	Morris, Mary
20040176742 A1	PGPUB		catheters			M. et al.
US	US-	20030220	Patient directed	607/59	+	Bauhahn, Ruth
20030036783	PGPUB		therapy			Elinor et al.
Al			management			
US	US-	20021017	Implantable drug	604/131	604/153	Christenson,
20020151846	PGPUB		delivery device			Steven R. et al.
A1		L	with peristaltic		1	

			pump having retracting roller			
US 20020151770 A1	US- PGPUB	20021017	Implantable medical device with sensor	600/300	128/903	Noll, Austin F. III et al.
US 20020123672 A1	US- PGPUB	20020905	Externally worn transceiver for use with an implantable medical device	600/300	128/903	Christophersom, Mark A. et al.
US 20020107472 A1	US- PGPUB	20020808	SINGLE-USE THERAPEUTIC SUBSTANCE DELIVERY DEVICE WITH INFUSION RATE CONTROL	604/21		Thompson, David L. et al.
US 20020107471 A1	US- PGPUB	20020808	VARIABLE INFUSION RATE CATHETER	604/21		Thompson, David L. et al.
US 20020052563 A1	US- PGPUB	20020502	Device and method to measure and communicate body parameters	600/561		Penn, Richard D. et al.
US 20010031947 A1	US- PGPUB	20011018	METHOD AND APPARATUS FOR DRUG INFUSION	604/142	604/151	HERUTH, KENNETH T.
US 7066910 B2	USPAT	20060627	Patient directed therapy management	604/151	604/891.1	Bauhahn; Ruth Elinor et al.
US 6749581 B2	USPAT	20040615	Variable infusion rate catheter	604/48	604/132; 604/67	Thompson; David L. et al.
US 6743204 B2	USPAT	20040601	Implantable drug delivery device with peristaltic pump having retracting roller	604/151	417/477.7	Christenson; Steven R. et al.
US 6738671 B2	USPAT	20040518	Externally worn transceiver for use with an implantable medical device	607/60	128/903; 128/904; 607/32	Christophersom; Mark A. et al.
US 6731976 B2	USPAT	20040504	Device and method to measure and communicate body parameters	600/544	600/549; 600/561	Penn; Richard D. et al.
US 6645176 B1	USPAT	20031111	Spring loaded implantable drug infusion device	604/151	417/477.3; 417/477.7; 604/153	Christenson; Steven R. et al.
US 6629954 B1	USPAT	20031007	Drug delivery pump with isolated hydraulic metering	604/131	604/891.1	Heruth; Kenneth T.
US 6562000 B2	USPAT	20030513	Single-use therapeutic substance delivery device with infusion rate control	604/48	604/132; 604/67	Thompson; David L. et al.
US 6485464 B1	USPAT	20021126	Reduced height implantable drug	604/153	417/477.1	Christenson; Steven R. et al.

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			infusion device	<u> </u>		
US 6458118 B1	USPAT	20021001	Drug delivery through microencapsulation	604/891.1	604/288.01; 604/288.02; 604/288.04; 604/890.1	Lent; Mark S. et al.
US 6394981 B2	USPAT	20020528	Method and apparatus for drug infusion	604/140	604/141; 604/143; 604/146; 604/150; 604/151; 604/891.1	Heruth; Kenneth T.
US 6248080 B1	USPAT	20010619	Intracranial monitoring and therapy delivery control device, system and method	600/561	600/311; 977/900	Miesel; Keith A. et al.
US 6234973 B1	USPAT	20010522	Implantable medical device for sensing absolute blood pressure and barometric pressure	600/486	128/899	Meador, John T. et al.
US 6221024 B1	USPAT	20010424	Implantable pressure sensor and method of fabrication	600/486	600/488	Miesel; Keith A.
US 6198966 B1	USPAT	20010306	Recirculating implantable drug delivery system	604/20	604/890.1	Heruth; Kenneth T.
US 6198952 B1	USPAT	20010306	Multiple lens oxygen sensor for medical electrical lead	600/339	600/333; 602/22	Miesel; Keith A.
US 6190359 B1	USPAT	20010220	Method and apparatus for drug infusion	604/131		Heruth; Kenneth T.
US 6162180 A	USPAT	20001219	Non-invasive cardiac monitoring system and method with communications interface	600/481	600/500; 600/529	Miesel; Keith A. et al.
US 6144866 A	USPAT	20001107	Multiple sensor assembly for medical electric lead	600/333	600/339; 607/22	Miesel; Keith A. et al.
US 6134459 A	USPAT	20001017	Light focusing apparatus for medical electrical lead oxygen sensor	600/333	600/339; 607/22	Roberts; Jonathan P. et al.
US 6125291 A	USPAT	20000926	Light barrier for medical electrical lead oxygen sensor	600/333	600/339; 607/22	Miesel; Keith A. et al.
US 6125290 A	USPAT	20000926	Tissue overgrowth detector for implantable medical device	600/325	600/333; 600/339; 607/122; 607/22	Miesel; Keith A.
US 6106477 A	ÜSPAT	20000822	Chronically implantable blood vessel cuff with sensor	600/486	600/488; 623/1.1	Miesel; Keith A. et al.

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US 6077227 A	USPAT	20000620		Method for manufacture and implant of an implantable blood vessel cuff	600/486	128/897; 128/898; 128/899; 600/300; 600/488; 623/1.1; 623/1.34	Miesel; Keith A. et al.
US 6024704 A	USPAT	20000215		Implantable medical device for sensing absolute blood pressure and barometric pressure	600/486	128/899	Meador, John T. et al.
US 5976109 A	USPAT	19991102		Apparatus for drug infusion implanted within a living body	604/140	604/141; 604/143; 604/146; 604/150; 604/151; 604/891.1; 604/93.01	Heruth; Kenneth T.
US 5919221 A	USPAT	19990706		Method and apparatus for calibrating pacemaker pressure sensor lead prior to chronic implant	607/119	73/1.57; 73/1.63	Miesel, Keith A.
US 5902326 A	USPAT	19990511	13	Optical window for implantable medical devices	607/36	600/333	Lessar, Joseph F. et al.
US 5713858 A	USPAT	19980203		Permanently implantable guiding catheter	604/288.02	604/175	Heruth; Kenneth T. et al.

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